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Axial setting device

Abstract

The invention relates to an axial setting device for actuating a multi-plate coupling 2 in the driveline of a motor vehicle, comprising a housing 3, a cylinder unit 15 and a hydraulic system. In the housing 3, two parts 4, 5 are supported so as to be coaxially rotatable relative to one another and can be coupled to one another by means of a set of coupling plates 10 which are axially arranged between a supporting disc 9 and a pressure disc 11 in the housing 3. The cylinder unit 15 comprises a hydraulic chamber 22 and a piston 21 axially displaceably arranged therein for actuating the multi-plate coupling 10 via the pressure disc 11. The hydraulic system for actuating the piston 21 comprises a quantity of oil jointly contained in the housing 3 and in the hydraulic chamber 22, as well as a pump 18 which comprises a first connection 23 connected to the housing 3 and a second connection 24 connected to the hydraulic chamber 22.

Figure 1